Introduction

AIDAVA's objective is to help patients to maintain - as much as possible automatically - a personal medical record that is of high quality and easy to reuse. A first generation (G1) of the prototype was delivered in June 2024; a second generation (G2) will be delivered end 2025.

The evaluation report of G1 was finalized end of January. A BIG THANK to Breast Cancer and Myocardial Infarction patients who helped us in Estonia, Austria and The Netherlands ! We heard that usability of G1 was smooth but there were some fundamentals issues, including opaque questions and lack of benefits for the patients. **We appreciate even more the dedication of the patients who worked with us**: the evaluation in real life hospital settings gave us incredible insights on how to improve G2.

Highlights from evaluation

- 83 patients recruited; 70 completed
- Overall performance of AIDAVA moderately acceptable by patients
- Explanations are suboptimal
- ± 45% documents curated automatically
- Average time to curate a document is too high (20 min)
- Patient showed interest in AIDAVA-like systems mainly in countries where there is no central health data portal

What we are working on

1. In-depth analysis of users' feedback, and analysis on improvements - including features that improve benefits for patients
2. Validation of business requirements, identification of the ones met; prioritization of the ones to implement
3. Development and testing of prioritized requirements
4. Amendment to study protocol and Ethics Committee Approval
5. External Communication on results

Next Steps

G1 demonstrates that the AIDAVA approach to use AI to maximize automation in cleaning of patient health data is possible. There are many improvements needed to make it happen but it confirmed that AIDAVA can tremendously increase the value and reuse of health data for patients, providers, researchers and policy making.

We hope all patients will keep working with us for the coming months and for testing the G2 prototype early 2026.

Funded by the European Union

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